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sliding the second tubular portion in the first tubular portion lumen to obtain a preselected length of the second tubular portion extending distally beyond the distal end of the first tubular portion; and  
ceasing to expose the first tubular portion to the solvent whereby the diameter of the first tubular portion lumen decreases until relative sliding movement between the first tubular portion and the second tubular portion is prevented; placing the catheter in the hippocampus or lateral ventricle so that the second tubular portion is placed at the selected site in the hippocampus or lateral ventricle; providing a source of indomethacin; coupling the catheter and the source of indomethacin to a pump for delivering indomethacin from the source of indomethacin to the hippocampus through the catheter; and  
actuating the pump to delivery the indomethacin to the hippocampus or lateral ventricle.

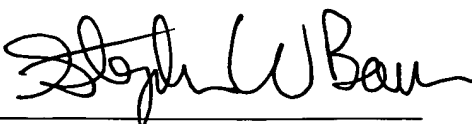
#### REMARKS

This amendment cancels the claims elected in response to a restriction requirement in the parent application without prejudice or admission. Claims 44 and 45 have been rewritten in independent form. A marked up version of the amended claims illustrating the requested amendments is attached as Appendix A

In view of the foregoing, favorable consideration and allowance of this application are requested.

Respectfully submitted,

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By 

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## APPENDIX A

### Version illustrating Amendments

44. (Once Amended) [The method of claim 43] A method of delivering indomethacin to a selected site within a hippocampus or lateral ventricle comprising steps of:  
providing a catheter having a first tubular portion that has a first tubular portion lumen  
and a second tubular portion partially disposed within the first tubular portion lumen,  
wherein the step of providing a catheter having a first tubular portion that has a first tubular portion lumen includes the step of:

- [a)] making the first tubular portion of a material that increases in diameter when heated; [and]

adjusting the length of the second tubular portion extending from the first tubular portion lumen to conform to the dimensions of a selected site in a hippocampus or lateral ventricle, wherein the step of adjusting the length of the second tubular portion includes the steps of:

- [(1)] heating the first tubular portion until the diameter of the first tubular portion lumen increases in diameter a sufficient amount to enable relative sliding movement between the first tubular portion and the second tubular portion;
- [(2)] sliding the second tubular portion in the first tubular portion lumen relative to the first tubular portion to provide a preselected length of the second tubular portion extending beyond the end of the first tubular portion; and
- [(3)] cooling the first tubular portion until the first tubular portion and the second tubular portion are no longer capable of relative sliding movement;

placing the catheter in the hippocampus or lateral ventricle so that the second tubular portion is placed at the selected site in the hippocampus or lateral ventricle;  
providing a source of indomethacin;  
coupling the catheter and the source of indomethacin to a pump for delivering indomethacin from the source of indomethacin to the hippocampus through the catheter; and  
actuating the pump to delivery the indomethacin to the hippocampus or lateral ventricle.

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45. (Once Amended) [The method of claim 43] A method of delivering indomethacin to a selected site within a hippocampus or lateral ventricle comprising steps of:

providing a catheter having a first tubular portion that has a first tubular portion lumen and a second tubular portion partially disposed within the first tubular portion lumen, wherein the step of providing a catheter having a first tubular portion that has a first tubular portion lumen includes the step of:

[a]] making the first tubular portion of a material that increases in diameter when exposed to a solvent; [and,]

adjusting the length of the second tubular portion extending from the first tubular portion lumen to conform to the dimensions of a selected site in a hippocampus or lateral ventricle, wherein the step of adjusting the length of the second tubular portion includes the steps of:

- [1]] exposing the first tubular portion to a solvent that increases the diameter of the first tubular portion lumen a sufficient amount to permit relative sliding movement of the second tubular portion in the first tubular portion lumen;
- [2]] sliding the second tubular portion in the first tubular portion lumen to obtain a preselected length of the second tubular portion extending distally beyond the distal end of the first tubular portion; and
- [3]] ceasing to expose the first tubular portion to the solvent whereby the diameter of the first tubular portion lumen decreases until relative sliding movement between the first tubular portion and the second tubular portion is prevented;

placing the catheter in the hippocampus or lateral ventricle so that the second tubular portion is placed at the selected site in the hippocampus or lateral ventricle;

providing a source of indomethacin;

coupling the catheter and the source of indomethacin to a pump for delivering

indomethacin from the source of indomethacin to the hippocampus through the catheter; and

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